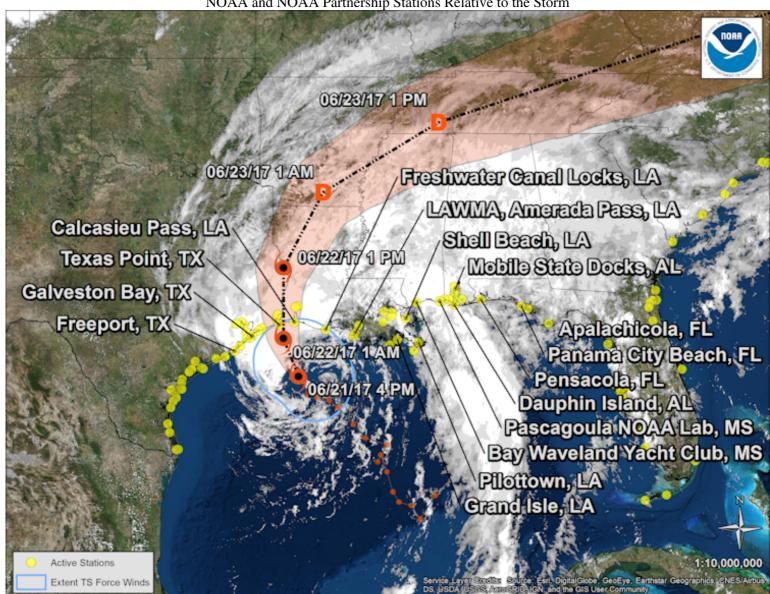




Tropical Storm CINDY QuickLook Posted: 17:00 CDT 06/21/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/21/2017 17:00 CDT, water levels along the central Gulf of Mexico coast are elevated and range between 1.5 to 3.0 ft above normal tide levels. The highest water level residuals at this hour are being observed at Bay Waveland Yacht Club, MS and Shell Beach, LA where water levels are running consistently at 3 ft above tide predictions. The highest winds are being observed along the coast of eastern Texas, Louisiana, Mississippi and Alabama where in the last few hours winds have gusted between 20 and 30 knots. Barometric pressure continues to fall gradually across the

region.

Water Level and Meteorological plots available below are updated automatically. A line denoting <u>Mean Higher High Water (MHHW)</u> is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the <u>Center for Operational Oceanographic Products & Services</u> website. For more information or archived products and reports, please see the <u>Storm QuickLook</u> Homepage.

Analyst: RCL

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM CINDY ADVISORY NUMBER 9 NWS NATIONAL HURRICANE CENTER MIAMI FL 400 PM CDT WED JUN 21 2017

...HEAVY RAINFALL FROM CINDY AFFECTING THE NORTHERN GULF COAST...
...THESE RAINS COULD PRODUCE LIFE-THREATENING FLASH FLOODING...

SUMMARY OF 400 PM CDT...2100 UTC...INFORMATION

LOCATION...28.2N 93.2W
ABOUT 135 MI...215 KM S OF LAKE CHARLES LOUISIANA
ABOUT 125 MI...200 KM SE OF GALVESTON TEXAS
MAXIMUM SUSTAINED WINDS...50 MPH...85 KM/H
PRESENT MOVEMENT...NW OR 315 DEGREES AT 9 MPH...15 KM/H
MINIMUM CENTRAL PRESSURE...994 MB...29.36 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A TROPICAL STORM WARNING IS IN EFFECT FOR...
* SAN LUIS PASS TEXAS TO THE MOUTH OF THE MISSISSIPPI RIVER

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA, IN THIS CASE WITHIN THE NEXT 12 TO 24 HOURS.

INTERESTS ELSEWHERE ALONG THE U.S. GULF COAST FROM THE CENTRAL TEXAS COAST TO THE WESTERN FLORIDA PANHANDLE SHOULD MONITOR THE PROGRESS OF THIS SYSTEM.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA, INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS, PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 400 PM CDT (2100 UTC), THE CENTER OF TROPICAL STORM CINDY WAS LOCATED NEAR LATITUDE 28.2 NORTH, LONGITUDE 93.2 WEST. CINDY IS MOVING TOWARD THE NORTHWEST NEAR 9 MPH (15 KM/H). A TURN TOWARD THE NORTH-NORTHWEST IS EXPECTED TONIGHT AND THURSDAY, WITH A TURN TOWARD THE NORTHEAST EXPECTED ON FRIDAY. ON THE FORECAST TRACK, THE CENTER OF CINDY WILL MOVE INLAND OVER SOUTHEASTERN TEXAS OR SOUTHWESTERN LOUISIANA LATE TONIGHT OR EARLY THURSDAY, THEN MOVE NEAR OR OVER EXTREME EASTERN TEXAS, WESTERN AND NORTHERN LOUISIANA, AND SOUTHEASTERN ARKANSAS THURSDAY AND THURSDAY NIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH (85 KM/H) WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS EXPECTED BEFORE LANDFALL, WITH WEAKENING EXPECTED THEREAFTER.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 115 MILES (185 KM) FROM THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE BASED ON OBSERVATIONS FROM OIL RIGS NEAR THE CENTER IS 994 MB (29.36 INCHES).

HAZARDS AFFECTING LAND

RAINFALL: CINDY IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 6 TO 9 INCHES WITH ISOLATED MAXIMUM AMOUNTS UP TO 15 INCHES OVER SOUTHEASTERN LOUISIANA, SOUTHERN MISSISSIPPI, SOUTHERN ALABAMA, AND WESTERN PORTIONS OF THE FLORIDA PANHANDLE THROUGH THURSDAY NIGHT. THIS RAINFALL COULD CAUSE LIFE-THREATENING FLASH FLOODING IN THESE AREAS.

RAINFALL AMOUNTS OF 3 TO 5 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 7 INCHES CAN BE EXPECTED FARTHER WEST ACROSS WESTERN LOUISIANA AND EASTERN TEXAS THROUGH THURSDAY NIGHT. RAINFALL SHOULD SPREAD NORTHEASTWARD ACROSS ARKANSAS AND INTO PORTIONS OF THE TENNESSEE AND OHIO VALLEYS THROUGH FRIDAY, WITH TOTAL RAIN ACCUMULATIONS OF 3 TO 5 INCHES WITH LOCALLY HIGHER AMOUNTS POSSIBLE.

WIND: TROPICAL STORM CONDITIONS SHOULD SPREAD WESTWARD AND NORTHWARD THROUGH THE TROPICAL STORM WARNING AREA THIS AFTERNOON THROUGH THURSDAY.

STORM SURGE: INUNDATION OF 1 TO 3 FEET ABOVE GROUND LEVEL IS EXPECTED ALONG THE COAST IN PORTIONS OF THE TROPICAL STORM WARNING AREA. INUNDATION OF 1 TO 3 FEET ABOVE GROUND LEVEL IS ALSO POSSIBLE

ELSEWHERE ALONG THE COAST FROM SOUTHEASTERN LOUISIANA TO THE WESTERN FLORIDA PANHANDLE IN AREAS OF STRONG ONSHORE WINDS.

TORNADOES: A FEW TORNADOES ARE POSSIBLE INTO TONIGHT FROM THE FAR WESTERN FLORIDA PANHANDLE ACROSS SOUTHWESTERN ALABAMA, SOUTHERN MISSISSIPPI, AND SOUTHERN LOUISIANA.

NEXT ADVISORY

NEXT INTERMEDIATE ADVISORY AT 700 PM CDT. NEXT COMPLETE ADVISORY AT 1000 PM CDT.

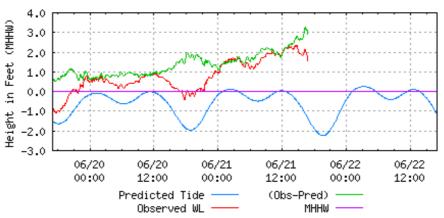
FORECASTER BEVEN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: Calcasieu Pass - Water Level, Calcasieu Pass - Winds, Calcasieu Pass - Barometric, Freshwater Canal Locks - Water Level, Freshwater Canal Locks - Winds, Freshwater Canal Locks - Barometric, LAWMA, Amerada Pass - Water Level, LAWMA, Amerada Pass - Winds, LAWMA, Amerada Pass - Barometric, Grand Isle - Water Level, Grand Isle - Winds, Grand Isle - Barometric, Shell Beach - Water Level, Shell Beach - Winds, Shell Beach - Barometric, Pilottown - Water Level, Pilottown - Winds, Pilottown - Barometric, Pascagoula Yacht Club - Water Level, Bay Waveland Yacht Club - Winds, Bay Waveland Yacht Club - Barometric, Pascagoula NOAA Lab - Water Level, Dock C, Port of Pascagoula - Winds, Dock C, Port of Pascagoula - Barometric, Mobile State Docks - Water Level, Mobile State Docks - Barometric, Dauphin Island - Water Level, Dauphin Island - Winds, Dauphin Island - Barometric, Pensacola - Water Level, Panama City Beach - Water Level, Panama City Beach - Water Level, Panama City Beach - Winds, Apalachicola - Barometric, Texas Point, Sabine Pass - Water Level, Texas Point, Sabine Pass - Barometric, Galveston Bay Entrance, North Jetty - Water Level, Freeport - Winds, Freeport - Barometric

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/21/2017 16:48 (CDT). Data relative to MHHW Observed: 1.58 ft. Predicted: -1.35 ft. Residual: 2.93 ft. Historical Maximum Water Level: Sep 13 2008, 9.96 ft. Next High Tide: 06/22/2017 03:14 (CDT), 0.25 ft.

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Wind Speed / Gusts / Direction 360 45 40 35 270 direction (true) speed (knots) 30 25 180 20 15 10 5 0 0 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 00:00 12:00 direction speed gusts

Last Observed Sample: 06/21/2017 16:48 (CDT) Wind Speed: 17 knots Gusts: 23 knots Direction: 100° T

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Barometric Pressure 1018 1016 1014 1012 1010 1008 1006 1004 1002 1000 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 00:00 12:00 barometric pressure

Last Observed Sample: 06/21/2017 16:48 (CDT)
Barometric Pressure: 999.9 mb

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 4.0 Height in Feet (MHHW) 3.0 2.0 1.0 0.0 -1.0 -2.0 -3.0 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 00:00 12:00 Predicted Tide (Obs-Pred) Observed WL MHHW

Last Observed Sample: 06/21/2017 16:48 (CDT). Data relative to MHHW Observed: 0.50 ft. Predicted: -1.86 ft. Residual: 2.36 ft. Historical Maximum Water Level: Sep 12 2008, 7.98 ft. Next High Tide: 06/22/2017 02:56 (CDT), 0.17 ft.

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

Wind Speed / Gusts / Direction 360 45 40 270 direction (true) 35 speed (knots) 30 25 180 20 15 90 10 0 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 00:00 12:00 speed gusts -- direction

Last Observed Sample: 06/21/2017 16:48 (CDT) Wind Speed: 15 knots Gusts: 22 knots Direction: 89° T

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

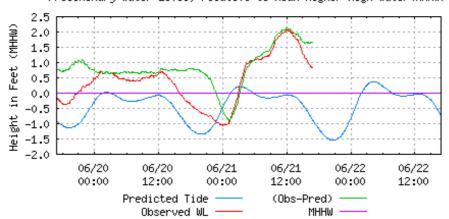
Barometric Pressure 1018 1016 1014 1014 (ag 1012 1010 1008 1006 1004 1002 1000 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 00:00 12:00 barometric pressure

Last Observed Sample: 06/21/2017 16:48 (CDT)

Barometric Pressure: 1000.2 mb

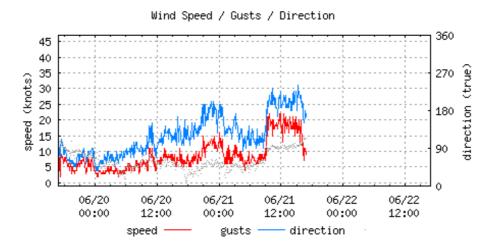
NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/21/2017 16:54 (CDT). Data relative to MHHW Observed: 0.81 ft. Predicted: -0.89 ft. Residual: 1.70 ft. Historical Maximum Water Level: Sep 12 2008, 5.90 ft. Next High Tide: 06/22/2017 04:15 (CDT), 0.37 ft.

NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA



Last Observed Sample: 06/21/2017 16:54 (CDT) Wind Speed: 12 knots Gusts: 19 knots Direction: 109° T

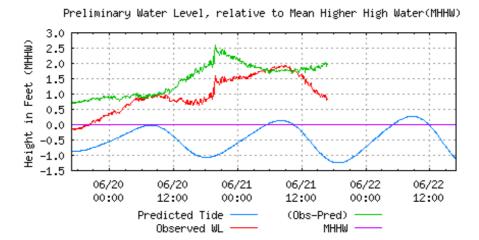
NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA

Barometric Pressure 1018 1016 1014 1012 1010 1008 1006 1004 1002 1000 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 12:00 00:00 barometric pressure

Last Observed Sample: 06/21/2017 16:54 (CDT)

Barometric Pressure: 1001.8 mb

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



Last Observed Sample: 06/21/2017 16:54 (CDT). Data relative to MHHW Observed: 0.76 ft. Predicted: -1.14 ft. Residual: 1.90 ft. Historical Maximum Water Level: Aug 29 2012, 4.45 ft. Next High Tide: 06/22/2017 08:44 (CDT), 0.27 ft.

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA

45 40

35

30 25

20 15

> 10 5 0

> > 06/20

00:00

06/20

12:00

speed -

speed (knots)

Wind Speed / Gusts / Direction

360

270 (a)

180 (b)

90 (b)

06/21

12:00

06/22

00:00

- direction

06/22

12:00

Last Observed Sample: 06/21/2017 16:54 (CDT) Wind Speed: 15 knots Gusts: 21 knots Direction: 157° T

gusts -

06/21

00:00

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA

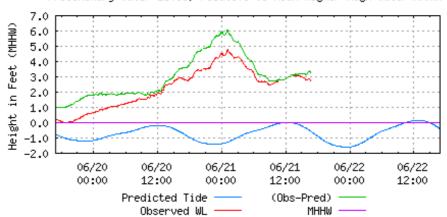
Barometric Pressure 1018 1016 1014 1014 (a) 1010 1010 1008 1006 1004 1002 1000 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 00:00 12:00 barometric pressure

Last Observed Sample: 06/21/2017 16:54 (CDT)

Barometric Pressure: 1005.1 mb

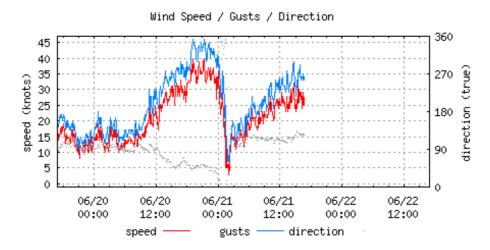
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/21/2017 16:48 (CDT). Data relative to MHHW Observed: 2.66 ft. Predicted: -0.58 ft. Residual: 3.24 ft. Historical Maximum Water Level: Aug 29 2012, 9.45 ft. Next High Tide: 06/22/2017 12:52 (CDT), 0.17 ft.

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 06/21/2017 16:48 (CDT) Wind Speed: 29 knots Gusts: 36 knots Direction: 126° T

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

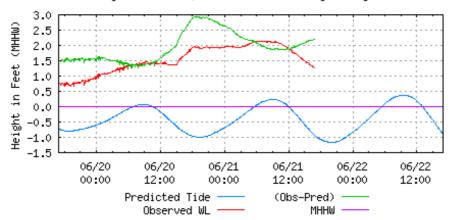
Barometric Pressure 1018 1016 1014 1012 1010 1008 1006 1004 1002 1000 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 12:00 00:00 barometric pressure

Last Observed Sample: 06/21/2017 16:48 (CDT)

Barometric Pressure: 1005.5 mb

NOAA/NOS/CO-OPS 8760721 Pilottown, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)

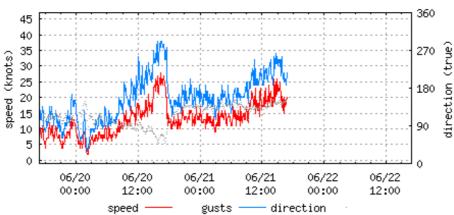


Last Observed Sample: 06/21/2017 16:54 (CDT). Data relative to MHHW Observed: 1.27 ft. Predicted: -0.94 ft. Residual: 2.21 ft.

Historical Maximum Water Level: n/a Next High Tide: 06/22/2017 09:30 (CDT), 0.36 ft.

NOAA/NOS/CO-OPS 8760721 Pilottown, LA

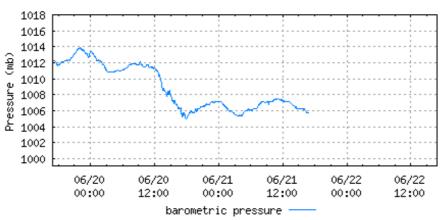
Wind Speed / Gusts / Direction



Last Observed Sample: 06/21/2017 16:54 (CDT) Wind Speed: 18 knots Gusts: 26 knots Direction: 153° T

NOAA/NOS/CO-OPS 8760721 Pilottown, LA

Barometric Pressure

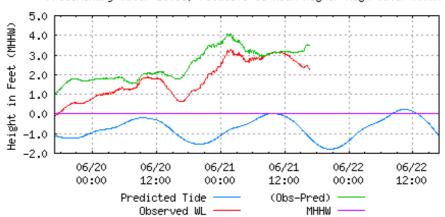


Last Observed Sample: 06/21/2017 16:54 (CDT)

Barometric Pressure: 1005.7 mb

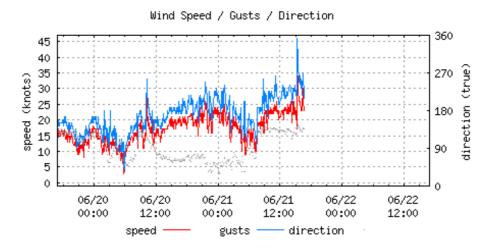
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/21/2017 16:48 (CDT). Data relative to MHHW Observed: 2.31 ft. Predicted: -1.25 ft. Residual: 3.56 ft. Historical Maximum Water Level: Sep 1 2008, 9.10 ft. Next High Tide: 06/22/2017 10:27 (CDT), 0.24 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 06/21/2017 16:48 (CDT) Wind Speed: 24 knots Gusts: 28 knots Direction: 132° T

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Barometric Pressure 1018 1016 1014 1012 1010 1008 1006 1004 1002 1000 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 12:00 00:00 barometric pressure

Last Observed Sample: 06/21/2017 16:48 (CDT)

Barometric Pressure: 1007.1 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

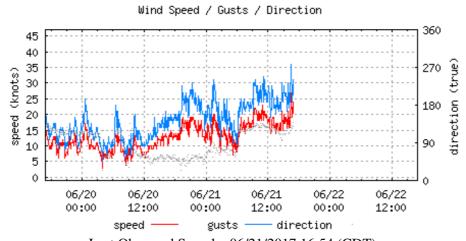
Preliminary Water Level, relative to Mean Higher High Water(MHHW) 3.0 2.5 2.0 1.5 Feet 1.0 0.5 in 0.0 Height -0.5-1.0 -1.5 -2.0 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 12:00 12:00 00:00 00:00 Predicted Tide (Obs-Pred)

Last Observed Sample: 06/21/2017 16:48 (CDT). Data relative to MHHW Observed: 0.95 ft. Predicted: -1.47 ft. Residual: 2.42 ft. Historical Maximum Water Level: Sep 1 2008, 4.90 ft. Next High Tide: 06/22/2017 08:36 (CDT), 0.28 ft.

MHHW

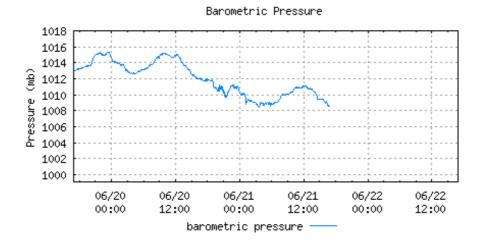
Observed WL

NOAA/NOS/CO-OPS 8741501 Dock C, Port of Pascagoula, MS



Last Observed Sample: 06/21/2017 16:54 (CDT) Wind Speed: 24 knots Gusts: 31 knots Direction: 139° T

NOAA/NOS/CO-OPS 8741501 Dock C, Port of Pascagoula, MS

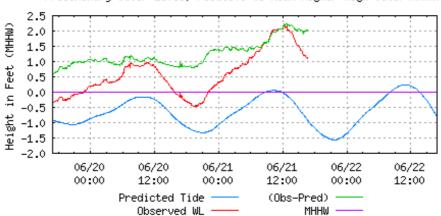


Last Observed Sample: 06/21/2017 16:54 (CDT)

Barometric Pressure: 1008.5 mb

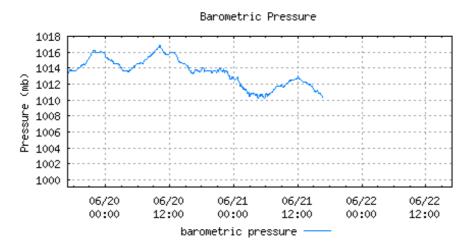
NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/21/2017 16:48 (CDT). Data relative to MHHW Observed: 1.08 ft. Predicted: -0.94 ft. Residual: 2.02 ft. Historical Maximum Water Level: Aug 29 2012, 3.67 ft. Next High Tide: 06/22/2017 11:00 (CDT), 0.24 ft.

NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL

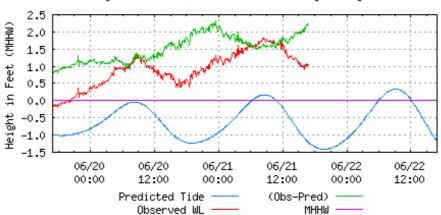


Last Observed Sample: 06/21/2017 16:48 (CDT)

Barometric Pressure: 1010.3 mb

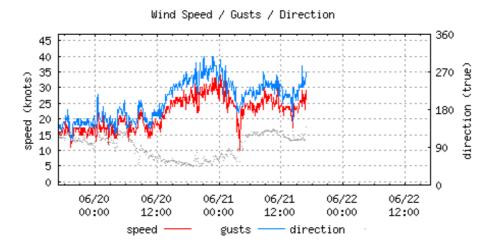
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



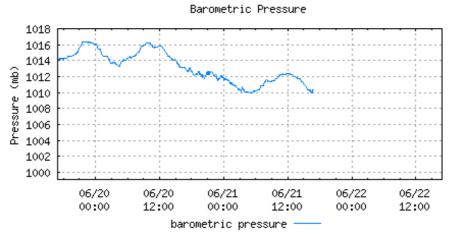
Last Observed Sample: 06/21/2017 16:48 (CDT). Data relative to MHHW Observed: 1.04 ft. Predicted: -1.20 ft. Residual: 2.24 ft. Historical Maximum Water Level: Sep 16 2004, 5.94 ft. Next High Tide: 06/22/2017 09:10 (CDT), 0.33 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 06/21/2017 16:48 (CDT) Wind Speed: 29 knots Gusts: 35 knots Direction: 139° T

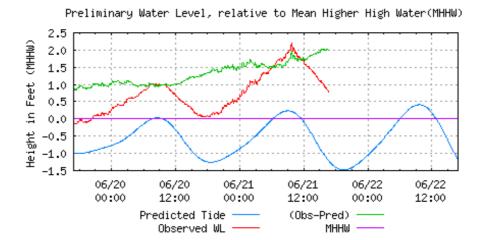
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 06/21/2017 16:48 (CDT)

Barometric Pressure: 1010.4 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 06/21/2017 16:48 (CDT). Data relative to MHHW Observed: 0.77 ft. Predicted: -1.24 ft. Residual: 2.01 ft. Historical Maximum Water Level: Sep 18 1926, 7.41 ft. Next High Tide: 06/22/2017 09:39 (CDT), 0.41 ft.

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

Barometric Pressure 1018 1016 1014 1012 1010 Pressure 1008 1006 1004 1002 1000 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 12:00 00:00 barometric pressure

Last Observed Sample: 06/21/2017 16:48 (CDT)

Barometric Pressure: 1011.7 mb

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 2.5 Height in Feet (MHHW) 2.0 1.5 1.0 0.5 0.0 -0.5-1.0 -1.5 -2.0 06/20 06/20 06/21 06/21 06/22 06/22 12:00 00:00 00:00 12:00 12:00 00:00 Predicted Tide (Obs-Pred) Observed WL MHHW

Last Observed Sample: 06/21/2017 16:54 (CDT). Data relative to MHHW Observed: -0.18 ft. Predicted: -1.49 ft. Residual: 1.31 ft. Historical Maximum Water Level: Oct 4 1995, 6.84 ft. Next High Tide: 06/22/2017 07:07 (CDT), 0.33 ft.

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Wind Speed / Gusts / Direction 360 45 40 direction (true) 270 35 speed (knots) 30 25 180 20 15 90 10 5 0 06/20 06/20 06/21 06/21 06/22 06/22 00:00 00:00 12:00 12:00 00:00 12:00 speed gusts -- direction

> Last Observed Sample: 06/21/2017 16:54 (CDT) Wind Speed: 23 knots Gusts: 26 knots Direction: 126° T

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

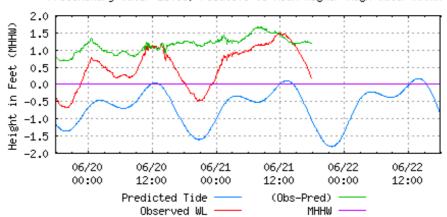
Barometric Pressure 1018 1016 1014 1014 (a) 1010 1008 1006 1004 1004 1002 1000 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 00:00 12:00 barometric pressure

Last Observed Sample: 06/21/2017 16:54 (CDT)

Barometric Pressure: 1013.7 mb

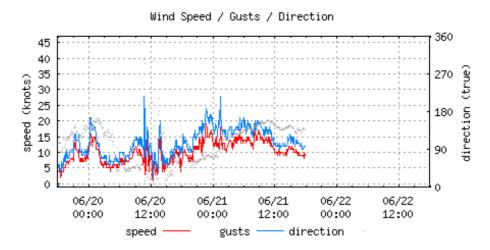
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/21/2017 17:54 (EDT). Data relative to MHHW Observed: 0.15 ft. Predicted: -1.04 ft. Residual: 1.19 ft. Historical Maximum Water Level: Jul 10 2005, 6.43 ft. Next High Tide: 06/22/2017 05:01 (EDT), -0.22 ft.

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



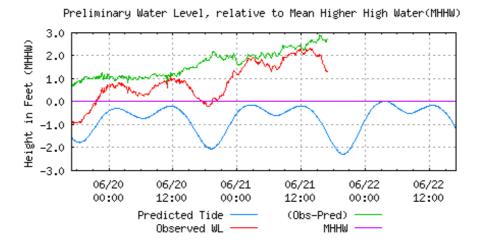
Last Observed Sample: 06/21/2017 17:54 (EDT) Wind Speed: 9 knots Gusts: 12 knots Direction: 137° T

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

Barometric Pressure 1018 1016 1014 1012 1010 1008 1006 1004 1002 1000 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 12:00 00:00 barometric pressure

Last Observed Sample: 06/21/2017 17:54 (EDT)
Barometric Pressure: 1014.4 mb

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



Last Observed Sample: 06/21/2017 16:54 (CDT). Data relative to MHHW Observed: 1.33 ft. Predicted: -1.39 ft. Residual: 2.72 ft. Historical Maximum Water Level: Mar 20 2012, 1.91 ft. Next High Tide: 06/22/2017 03:41 (CDT), 0.01 ft.

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

Wind Speed / Gusts / Direction 360 45 40 270 direction (true) 35 speed (knots) 30 25 180 20 15 90 10 5 0 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 12:00 00:00 12:00 speed gusts -- direction

Last Observed Sample: 06/21/2017 16:54 (CDT) Wind Speed: 21 knots Gusts: 28 knots Direction: 3° T

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

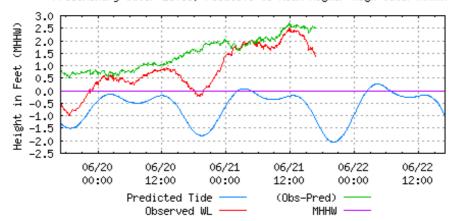
Barometric Pressure 1018 1016 1014 1014 (ag 1012 1010 1008 1006 1004 1002 1000 06/20 06/20 06/21 06/21 06/22 06/22 00:00 12:00 00:00 00:00 12:00 12:00 barometric pressure

Last Observed Sample: 06/21/2017 16:54 (CDT)

Barometric Pressure: 1001.9 mb

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



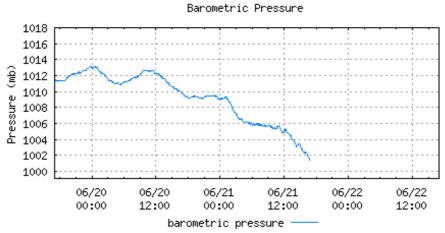
Last Observed Sample: 06/21/2017 16:48 (CDT). Data relative to MHHW Observed: 1.36 ft. Predicted: -1.16 ft. Residual: 2.52 ft. Historical Maximum Water Level: Jul 15 2003, 4.08 ft. Next High Tide: 06/22/2017 04:21 (CDT), 0.27 ft.

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX NOAA/NOS/CO-OPS

This data type is not currently								
available from this station.								
L								

Last Observed Sample: 06/21/2017 16:48 (CDT) Wind Speed: 28 knots Gusts: 33 knots Direction: 354° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 06/21/2017 16:48 (CDT)

Barometric Pressure: 1001.4 mb

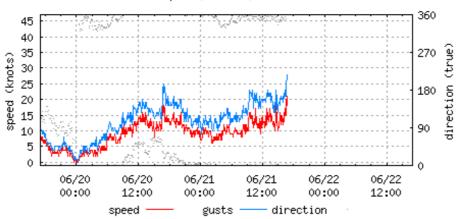
NOAA/NOS/CO-OPS 8772447 Freeport, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 3.0 2.5 Feet (MHHW) 2.0 1.5 1.0 0.0 ij -0.5 Height -1.0 -1.5-2.0 -2.5 06/20 06/20 06/21 06/21 06/22 06/22 12:00 00:00 12:00 00:00 12:00 00:00 Predicted Tide (Obs-Pred) Observed WL MHHW

Last Observed Sample: 06/21/2017 16:54 (CDT). Data relative to MHHW Observed: 0.81 ft. Predicted: -1.58 ft. Residual: 2.39 ft. Historical Maximum Water Level: Sep 12 2008, 5.58 ft. Next High Tide: 06/22/2017 04:03 (CDT), 0.22 ft.

NOAA/NOS/CO-OPS 8772447 Freeport, TX

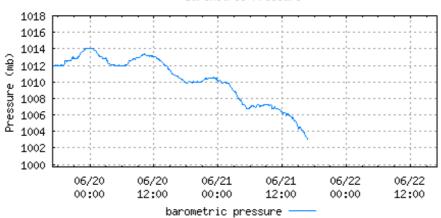
Wind Speed / Gusts / Direction



Last Observed Sample: 06/21/2017 16:54 (CDT) Wind Speed: 16 knots Gusts: 25 knots Direction: 356° T

NOAA/NOS/CO-OPS 8772447 Freeport, TX

Barometric Pressure



Last Observed Sample: 06/21/2017 16:54 (CDT)

Barometric Pressure: 1002.9 mb

Latest Water Level Observations on MHHW

	Editest White Edver Gosef Validity on Anthropy								
Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide			
8768094	Calcasieu Pass, LA	06/21/2017 16:48 (CDT)	1.58 ft	-1.35 ft	2.93 ft	2.34 ft			
8766072	Freshwater Canal Locks, LA	06/21/2017 16:48 (CDT)	0.50 ft	-1.86 ft	2.36 ft	2.94 ft			
8764227	LAWMA, Amerada Pass, LA	06/21/2017 16:54 (CDT)	0.81 ft	-0.89 ft	1.70 ft	2.07 ft			
8761724	Grand Isle, LA	06/21/2017 16:54 (CDT)	0.76 ft	-1.14 ft	1.90 ft	1.94 ft			
8761305	Shell Beach, LA	06/21/2017 16:48 (CDT)	2.66 ft	-0.58 ft	3.24 ft	4.80 ft			
8760721	Pilottown, LA	06/21/2017 16:54 (CDT)	1.27 ft	-0.94 ft	2.21 ft	2.14 ft			
8747437	Bay Waveland Yacht Club, MS	06/21/2017 16:48 (CDT)	2.31 ft	-1.25 ft	3.56 ft	3.28 ft			
8741533	Pascagoula NOAA Lab, MS	06/21/2017 16:48 (CDT)	0.95 ft	-1.47 ft	2.42 ft	2.29 ft			
8737048	Mobile State Docks, AL	06/21/2017 16:48 (CDT)	1.08 ft	-0.94 ft	2.02 ft	2.19 ft			
8735180	Dauphin Island, AL	06/21/2017 16:48 (CDT)	1.04 ft	-1.20 ft	2.24 ft	1.82 ft			
8729840	Pensacola, FL	06/21/2017 16:48 (CDT)	0.77 ft	-1.24 ft	2.01 ft	2.20 ft			
8729210	Panama City Beach, FL	06/21/2017 16:54 (CDT)	-0.18 ft	-1.49 ft	1.31 ft	2.09 ft			
8728690	Apalachicola, FL	06/21/2017 17:54 (EDT)	0.15 ft	-1.04 ft	1.19 ft	1.49 ft			
8770822	Texas Point, Sabine Pass, TX	06/21/2017 16:54 (CDT)	1.33 ft	-1.39 ft	2.72 ft	2.34 ft			
8771341	Galveston Bay Entrance, North Jetty, TX	06/21/2017 16:48 (CDT)	1.36 ft	-1.16 ft	2.52 ft	2.52 ft			
8772447	Freeport, TX	06/21/2017 16:54 (CDT)	0.81 ft	-1.58 ft	2.39 ft	2.12 ft			

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS) National Oceanic and Atmospheric Administration | U.S. Department of Commerce